

# STUDER



## "SI" Series

### Pure Sine Wave Inverters

# AA Solar & SunPowerPlus

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Model	 SI1212-TP	 SI3324-TP
<b>Inverter</b>		
Voltage Input (Vnom)	12V	24V
Input voltage range	11.40 V ~ 15.96 VDC	22.80 V ~ 31.92 VDC
Continuous Power	1200W	3300W
Power 15 min @ 25°C	1560W~1920W	4290W~5280W
Power 3 min @ 25°C	1920W~2400W	5280W~6600W
Power 5 sec @ 25°C	4200W	11550W
Load detection (stand-by)	Adjustable: 0.3 →20W	
Maximum Efficiency	93-95%	95%
Standby current	25mA	25mA
Power <ON> no load	4.8W	13W
Power <ON> no load TWINPOWER system	< 0.5W	< 0.7W
Output voltage	Sinewave 230VAC ±3 %	
Frequency	50Hz ± 0.01% (crystal controlled)	
Distortion	< 2% (at Pnom)	
Protections	Overload, Overheat, Short circuit, Reverse polarity by internal fuse	
Overheating protection	75°C ± 3°C	
<b>General Data</b>		
Weight	13.2kg	30kg
Size (L x W x H)	391 x 124 x 215 mm	636 x 124 x 215 mm
Forced ventilation	From 45°C ± 3°C	
Acoustic level	without ventilation: < 40dB / with ventilation:< 45dB	